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Multiple Welding Delivers Bonus Benefit

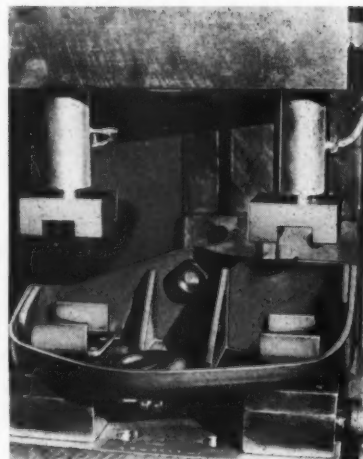
This technique speeds assembly, cuts reject cost

Multiple welding techniques are gaining favor throughout industry, according to reports from a number of sources. One such technique recently proved highly useful in reducing production costs to an automotive supplier.

Faced with the task of projection-welding two brackets to a frame assembly member consisting of four stampings, this manufacturer decided to use a multiple welding method which delivered a bonus benefit. To weld two brackets at a time with three projections each, he selected a Tuffaloy Equa-Press dual electrode holder to hold two projection weld- ing electrodes.

Using the holder with a special lower fixture, the double welding process was easily effected. The fixture also acted automatically as an inspection device to detect warped weldments before the brackets were actually attached. This permitted the rejection of defective assemblies before the cost of projection welding has been incurred.

Without the holder, the supplier would have had to weld one bracket at a time and delay inspection until all welding was completed. This multiple welding system speeded production, and by substantially reducing the cost of rejects, made for a far more profitable operation.



Automotive component uses dual electrode holder (top of picture) with a special lower fixture to multiple-weld two brackets to a frame assembly member simultaneously.

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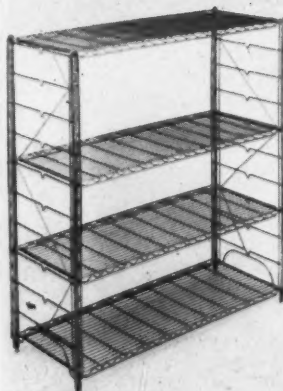
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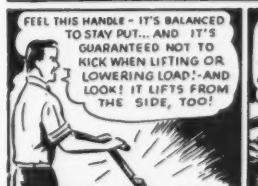
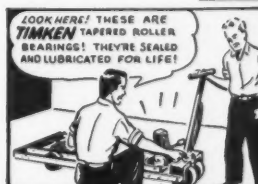


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